



Information Technology and Software

An Extendible USB Drive That Accepts External Media

[A double-headed drive for exchanging data](#)

Universal Serial Bus (USB) drives have become a popular means of exchanging data between computers, for backup storage, for using files when on travel, and have replaced published CD-based proceedings at conferences. A prior innovation involved the development of an extendible USB drive with a female port that could accept one or more other USB s drive such that the drives would then act as a single logical drive. This improvement on that technology involves the use of a USB drive with a female port that can accept another USB drive, with an optional additional port that can accept MemoryStick, SD, or other media, or where a "converter" can be inserted into the female drive such that it can accept MemoryStick, SD, or other media, and then USB drive and other media would appear as a logical driver to the user.

BENEFITS

- ➡ Increases storage capacity available to personal computers on a USB drive
- ➡ Reduces the complexity of locating data on multiple USB flash drives connected to a computer

technology solution



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THE TECHNOLOGY

This technology is a memory apparatus for use in personal computer. The apparatus has a universal serial bus (USB) mass storage controller connected to a nonvolatile computer memory, where the controller includes a daisy chain component. A male USB interface is connected to the controller, and another interface e.g. memory stick, for a memory device is connected to the controller. A female USB interface is connected to the controller, where the female USB interface includes a set of female USB interfaces.

The configuration of the apparatus facilitates increasing the storage capacity that is available to the personal computer on a universal serial bus (USB) drive, and reduces the complexity of locating data on multiple USB flash drives connected to the computer.

APPLICATIONS

The technology has several potential applications:

- ➡ Personal computers

PUBLICATIONS

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National Aeronautics and Space Administration

Innovative Technology Partnerships Office

Goddard Space Flight Center

Code 504

Greenbelt, MD 20771

301.286.5810

techtransfer@gsfc.nasa.gov

<http://technology.nasa.gov/>

www.nasa.gov

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